Name:

## ET_1021 version 13

Consider the $L$-system (and angle) defined below:

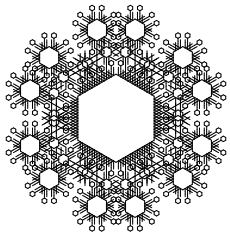
- Start: `[A]------------[A]`
- Rules:
  `A > [---BC][+++BC]`
  `B > [--AC][++AC]`
  `C > F[-BA][+BA]`
  `F > FF`

- Number of recursions (number of iterations): 5
- Angle: 15°

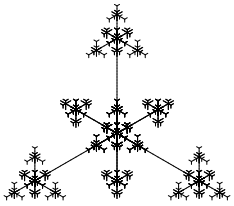
Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- https://scratch.mit.edu/projects/1225522722/editor/

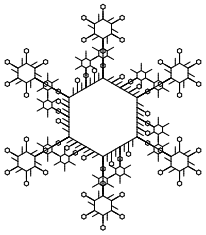
A



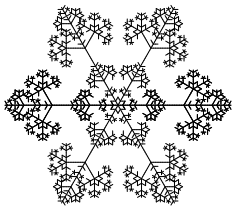
B



C

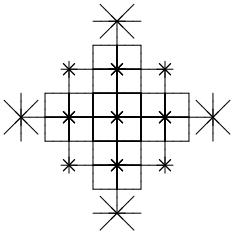


D

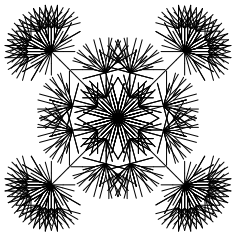


E

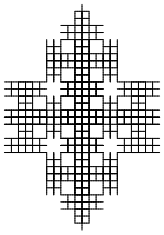
F



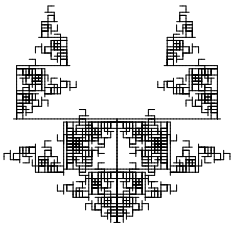
G



H



I



Which pattern is created?

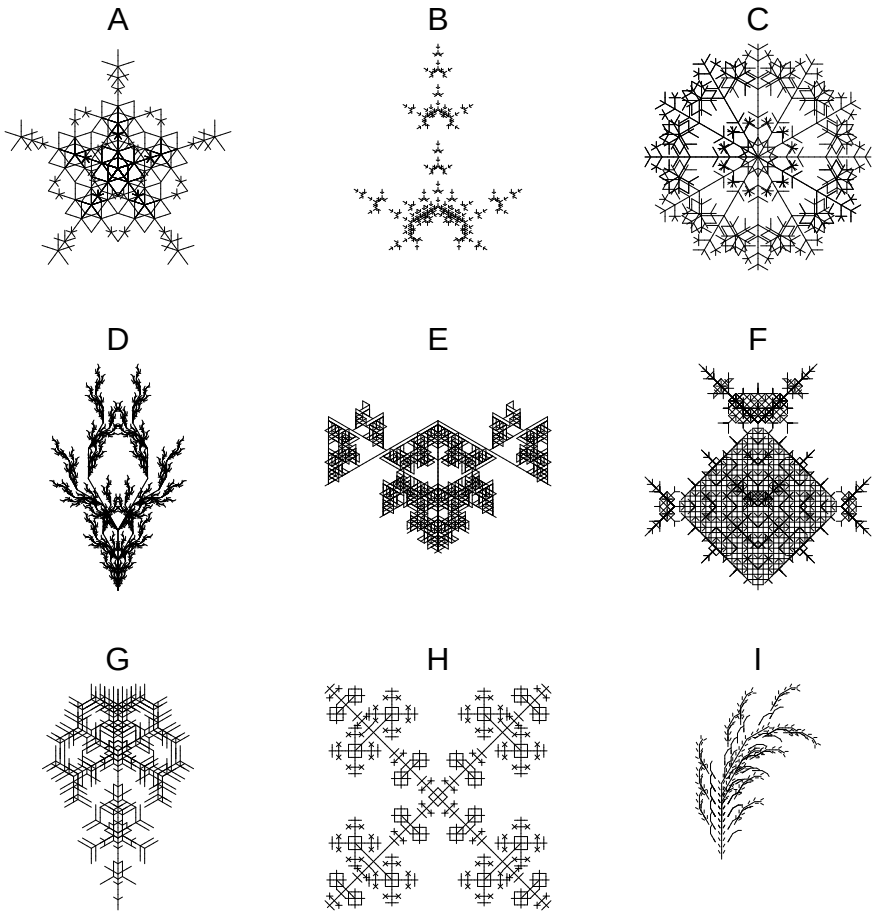
G

Consider the $L$-system (and angle) defined below:

- Start: `A`
- Rules:
  ```
  A > [-AAB][--AAB][+AAB][++AAB]AAB
  B > [-C][+C][--C][++C]CA
  C > CC
  ```
- Number of recursions (number of iterations): 3
- Angle: 72°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- https://scratch.mit.edu/projects/1225522722/editor/




Which pattern is created?

A